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CLAY CROSS URBAN DISTRICT COUNCIL

# ANNUAL REPORT

OF THE

Medical Officer of Health  
for the Year 1946,

BY

JOHN REID GRAHAM,  
M.B., Ch.B., D.P.H.,  
MEDICAL OFFICER OF HEALTH.



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## ANNUAL REPORT FOR YEAR 1946.

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Mr. Chairman and Gentlemen,

I herewith present my Annual Report for the year 1946. Housing still remains as one of the greatest problems facing the district. Nine new houses were completed by the end of the year, progress has been disappointing.

Work in the Sanitary Department has been hampered by the absence of your Sanitary Inspector through illness.

Here I must pay tribute to the excellent work of Mr. Rysdale, who has carried on very well under most difficult circumstances.

I am,

Your obedient servant,

JOHN REID GRAHAM,

Medical Officer of Health.

## PUBLIC HEALTH STAFF.

Medical Officer of Health: JOHN R. GRAHAM, M.B., Ch.B.  
(St. And.) D.P.H. (St. And.).

Sanitary Inspector: W.A.T. LYNAM, A.R.S.I.

## VITAL STATISTICS & SOCIAL CONDITIONS OF THE AREA.

### BIRTH RATE.

21.34 per 1000 live births of the estimated resident population.  
22.21 per 1000 live and still births.

### DEATH RATE.

11.04 per 1000 of the estimated resident population.

### DEATHS FROM PUEPERAL CAUSES.

From Sepsis	....	....	....	Nil.
From other Causes	....	....	....	Nil.

### INFANTILE DEATH RATE.

All Infants per 1000 live births.	....	41.17
Legitimate infants per 1000 legitimate live births.	....	35.29
Illegitimate infants per 1000 illegitimate live births.	....	5.88

## VITAL STATISTICS.

The vital statistics for the year show quite an improvement over the previous year's figures.

The infantile mortality rate has fallen from 65.08 per 1000 live births to 41.17 per 1000. No deaths from puerperal causes were recorded as against one in the previous year. The general death rate remains practically the same, 10.04 as compared with 11.01 in 1945.

## SOCIAL CONDITIONS.

I have reported elsewhere that 9 new houses have been completed by the council during the year. This is a disappointingly slow progress, and if the overcrowding and bad housing conditions existing are to be remedied within a reasonable time the rate of building will need to be greatly accelerated.

While it is easy to be wise after the event, it does now appear that it would have been wise to have applied for some temporary pre-fabricated bungalows. Experience in other districts has shown that these dwellings with all their disadvantages have filled a real and urgent need and most tenants are highly satisfied with them.

### Births in the Clay Cross Urban District.

LIVE BIRTHS. Males: Total 84. Legitimate 80. Illegitimate 4  
 Females: Total 86. Legitimate 78. Illegitimate 8

STILL BIRTHS. Males: Total 6. Legitimate 6. Illegitimate 0  
 Females: Total 1. Legitimate 1. Illegitimate 0

### DEATHS OF INFANTS UNDER 1 YEAR OF AGE.

Males: Total 3. Legitimate 3. Illegitimate 0  
 Females: Total 4. Legitimate 3. Illegitimate 1

**CAUSES OF DEATH IN THE  
CLAY CROSS URBAN DISTRICT during  
1946.**

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		<b>Male</b>	<b>Female</b>
All causes	...	44	44
Typhoid & parat. Fevers	...	0	0
Cerebro-spinal Fever	...	0	0
Scarlet Fever	...	0	0
Whooping Cough	...	1	0
Diphtheria	....	0	0
Tuberculosis of respiratory system	...	1	1
Other forms of Tuberculosis	...	0	0
Syphilitic Diseases	...	0	0
Influenza	....	0	0
Measles	....	0	0
Ac. polio-myel. & polio enceph	...	0	0
Ac. Inf. enceph....	....	0	0
Cancer of buc. cav. & oesoph. (M)			
uterus (F)		0	0
Cancer of stomach and duodenum	...	2	1
Cancer of breast....	....	0	2
Cancer of all other sites	....	2	7
Diabetes	....	0	1
Intracranial vascular lesions		4	3
Heart Disease	....	18	11
Other dis. of circulatory system	...	1	1
Bronchitis	....	6	5
Pneumonia	....	1	3
Other respiratory diseases	....	1	2
Ulcer of stomach or duodenum	...	0	0
Diarrhoea under two years	...	0	1
Appendicitis	....	0	0
Other digestive diseases	....	0	1
Nephritis	....	0	2
Puerp. & post-abortion sepsis	...	0	0
Other maternal causes	....	0	0
Premature Birth	....	1	1
Con. mal. birth inj. infant dis.	...	2	0
Suicide	....	0	0
Road Traffic Accident	...	0	0
Other violent causes	....	1	0
All other causes....	...	3	2

# Birth Rates, Civilian Death Rates, Analysis of Mortality for the year 1946.

	England and Wales	126 C.Bs. & great towns including London	148 smaller Towns resid- ent popula- tion 25,000- 50,000 at 1931 Census	London Ad- ministrative County	Clay Cross U.D.C.
<i>Rates per 1,000 Civilian Population</i>					
<b>Births :-</b>					
Live	19.1	22.2	21.3	21.5	21.34
Still	0.53	0.67	0.59	0.54	0.88
<i>Rates per 1000 Live Births</i>					
<b>Deaths :-</b>					
All Causes	11.5	12.7	11.7	12.7	11.04
Typhoid and					
Paratyphoid	0.00	0.00	0.00	0.00	0.00
Scarlet Fever	0.00	0.00	0.00	0.00	0.00
Whooping Cough	0.02	0.02	0.02	0.02	0.12
Diphtheria	0.01	0.01	0.01	0.01	0.00
Influenza	0.15	0.13	0.14	0.12	0.00
Smallpox	0.00	0.00	0.00	0.00	0.00
Measles	0.00	0.01	0.00	0.01	0.00
Deaths under 1 year of age	43	46	37	41	41
Deaths from Diarrhoea and Enteritis under 2 years of age	4.4	6.1	2.8	4.2	5.88
<i>Rates per 1000 Total Births (Live and Still)</i>					
Puerperal Fever	8.50	10.35	7.63	(1.62)	0.00
Puerperal Pyrexia				(9.68)	
<b>Notifications :-</b>					
Typhoid Fever	0.01	0.01	0.01	0.01	0.00
Paratyphoid	0.02	0.02	0.01	0.01	0.00
Cerebro Spinal Fever	0.05	0.05	0.04	0.06	0.37
Scarlet Fever	1.38	1.51	1.33	1.42	1.38
Whooping Cough	2.28	2.48	2.05	2.22	6.02
Diphtheria	0.28	0.32	0.31	0.24	0.63
Erysipelas	0.22	0.52	0.22	0.27	0.00
Smallpox	0.00	0.00	0.00	0.00	0.00
Measles	3.92	4.73	3.70	7.35	0.50
Pneumonia	0.89	1.02	0.74	0.75	1.00

## **WATER SUPPLIES.**

There has been no major works carried out during the year. The majority of the premises in the area are supplied by the council's own undertaking. The water has been good in quantity and quality.

Samples taken of Clay Cross undertaking were 26, of those 24 were reported as being satisfactory, 2 were suspicious.

## **INFECTIOUS DISEASE.**

The incidence of all the infectious diseases showed a decrease compared with 1945, with the exception of Whooping Cough.

48 cases were notified with one death; 1945 there were 7 notifications and no deaths.

The Measles notifications dropped from 140 in 1945 to 4 in the year under review.

Scarlet Fever and Diphtheria showed a decrease of 7 and 3 respectively. There were no deaths caused by these diseases.

## CLEANSING & SCAVENGING.

The work is carried out efficiently by the Council's workmen. There is one low loading refuse vehicle of modern design and other vehicles are provided with sheets.

Controlled tipping is in operation and there is a man on the tip regularly.

All bins are emptied weekly.

The Council retain the services of a part time rat catcher.

All streets are regularly cleaned including Sunday.

## PETROLEUM ACTS.

Ten licences were granted for the storing of Petroleum spirit and two licences for the storing of Carbide of Calcium.

The storage capacity is 42,100 gallons of Petrol and 20 cwts. of Carbide.

## SALVAGE

Salvage of materials were carried out during the year and the results were as follows:-

	t. c. q	£ s. d.
Waste Paper	60 4 0	395 0 0
Textiles	3 17 2	18 9 8
Bones	1 18 0	9 17 3
Bottles, Jars	4 15 1	19 14 11
Cullett	22 13 0	49 9 6
	<hr/> <hr/> <hr/>	<hr/> <hr/> <hr/>
	93 7 3	£492 11 4
	<hr/> <hr/> <hr/>	<hr/> <hr/> <hr/>

## OPHTHALMIA NEONATORIUM.

Cases Notified	Treated at home	Treated in hospital	Vision unimpaired	Vision impaired	Total Blindness	Total Deaths
1	1	0	0	0	0	0

## INFECTIOUS DISEASES.

		Total Number Notified	Cases ad- mitted to Hospital	Total Deaths
Smallpox	....	0	0	0
Scarlet Fever	....	11	11	0
Diphtheria	....	5	5	0
Enteric Fever	....	0	0	0
Puerperal Fever	)	0	0	0
Puerperal Pyrexia	)	0	0	0
Cerebro-Spinal Fever	....	3	3	0
Pneumonia	....	8	1	4
Erysipelas	....	0	0	0
Polio-myelitis	....	1	1	0
Ophthalmia Neonatorium	....	1	0	0
Encephalitis Lethargica	....	0	0	0
Undulant Fever	....	0	0	0
Measles	....	4	0	0
Whooping Cough	....	48	2	1

## TUBERCULOSIS RETURN FOR 1946.

### NEW CASES.

### DEATHS.

PULMONARY. NON-PULMONARY. PULMONARY. NON-PULMONARY.

Age periods	M	F	M	F	M	F	M	F
Under 1	0	0	0	0	0	0	0	0
1 and over	0	0	0	0	0	0	0	0
5 and over	0	0	0	2	0	0	0	0
15 and over	1	0	0	1	0	0	0	0
25 and over	1	2	0	0	0	0	0	0
35 and over	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	1	0	0
55 and over	0	1	0	0	0	0	0	0
65 and over	1	0	0	0	0	0	0	0
Total	3	3	0	3	0	1	0	0

Not Notified

Not Primary

Cases includ- ed above	0	0	0	0	1	0	0	0
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**Scabies Order 1941.**  
**POOLSBROOK TREATMENT CENTRE.**

Number of cases, 1,782.

SCABIES	Adults	5-15 yrs.	Under 5 yrs	Total.
Chesterfield R.D.C.	471	209	112	792
Clay Cross U.D.C.	40	17	10	67
Clowne R.D.C.	146	72	40	258
Dronfield U.D.C.	9	3	2	14
Staveley U.D.C.	211	78	48	337
	---	---	—	—
Totals	877	379	212	1468

**HEAD LICE**

Chesterfield R.D.C.	8 (7)	96 (84)	24 (23)	128 (114)
Clay Cross U.D.C.		4 (4)		4 (4)
Clowne R.D.C.	7 (6)	26 (22)	5 (4)	38 (32)
Dronfield U.D.C.		4 (4)		4 (4)
Staveley U.D.C.	5 (4)	32 (25)	3 (3)	40 (32)
	—	—	—	—
Totals	20 (17)	162 (139)	32 (30)	214 (186)

**SCABIES WITH VERMINOUS HEADS**

Chesterfield R.D.C.	25 (21)	74 (54)	22 (14)	121 (89)
Clay Cross U.D.C.	6 (3)	11 (9)	1 (1)	18 (13)
Clowne R.D.C.	3 (2)	18 (14)	2 (1)	23 (17)
Dronfield U.D.C.				
Staveley U.D.C.	5 (3)	17 (13)	1 (1)	23 (17)
	—	—	—	—
Totals	39 (29)	120 (90)	26 (17)	185 (136)

ADD 59 cases diagnosis not confirmed.

30 „ miscellaneous.

2 „ Ped. Corporis (Chesterfield, adults).

9 „ „ Pubis. (5 Chesterfield, 1 Clowne,  
3 Staveley, - all adults).

100

NOTE:— The numbers in brackets refer to those on whom  
live lice were found.

## TREATMENT CENTRE.

During 1946, 1,782 people attended the centre. 1,468 cases of scabies were treated, 214 cases of verminous heads and 100 cases were examined not falling into either of the above categories.

The figures are lower than the previous year. Scabies show a drop of 286 cases and 120 fewer cases were treated for verminous heads. The latter figure would be very gratifying if one could assume from it that it indicated there were fewer people suffering from head infestation, but I do not think this is the case. It may be that fewer cases have been discovered and sent for treatment. The assumption that there is no real decrease tends to be borne out by the fact that on examination of cases sent up for scabies treatment there is a an increased percentage of persons with infested heads. This applies to all age groups.

The following table shows the comparison between the two years.

Percentage of cases sent as scabies and found to have verminous heads.

	1945	1946
	Percentage	Percentage
All Ages	10.8	12.5
Adults	3.6	4.4
Age 5--15	23.4	31.7
Age under 5	12	12.2

It will be noted that the biggest increase is in the age group 5-15. It is very difficult to account for this increase and to give any feasible explanation. One can make many conjectures but none seem really to fit. It is obvious, however, that there must be a large number of the age group 5-15 infested even if allowances are made, and it can be accepted that the group sent for scabies treatment does not represent a fair cross section of the population. If the percentage is cut by 50% there still remains 15% of the 5-15 age group infested, which is far too high a figure.

## Annual Report of Sanitary Inspector.

## Clay Cross Urban Sanitary District, 1946.

Name of Inspector: W. A. T. LYNAM.

Area of District: 2023. Estimated No. of Houses 2176.

New Houses erected in 1946: (a) By Local Authority 6, (b) by Private enterprise 3.

	Number of Inspections made by Sanitary Inspector.	Number of Informal Notices served.	Number of Legal Notices served.	Nuisances abated with or without Notice.
<b>CLOSETS AND ASHPITS—</b>				
Defective Privies, Pail Closets and Ashpits (not for conversion)	1	1	—	1
Conversion of Privies into W.C.s	4	3	1	4
Conversion of Pail Closets into W.C.s	...	—	—	—
Conversion of Privies into Pail Closets	...	—	—	—
Defective Water Closets	...	40	32	35
Provision of Additional Water Closets	...	2	—	2
Provision of Portable Ashbins	156	156	—	156
Dirty Closets	...	—	—	—
<b>DRAINAGE—</b>				
No disconnection of waste pipe	—	—	—	—
Defective Waste Pipe, Traps, Inlets and Drains	...	4	4	4
Drains Obstructed	...	54	36	48
<b>OTHER DEFECTS—</b>				
Paving of Courts and Yards	...	4	4	4
Roofs, Eaves-Spouts and Down-Spouts	...	20	20	18
Sinks	...	12	8	10
Insufficient Ventilation	...	1	1	1
Windows	...	1	1	1
Dampness	...	24	18	10
Water in Cellars	...	4	3	2
Water Supply	...	10	2	2
Overcrowding	...	4	—	—
Foul Condition of Houses	...	—	—	—
Offensive Accumulations	...	1	1	1
Animals improperly kept	...	—	—	—
Pigsties	...	—	—	—
Smoke Nuisances	...	—	—	—
Urinals	...	1	1	1
Nuisances not specified above	...	—	—	—
<b>Totals</b>	...	343	291	300

	Number on register	Inspections made	Notices served	Nuisances abated with or without Notice
Dairies, Cowsheds and Milkshops	35	40	3	5
Bakehouses	...	3	8	1
Slaughterhouses	...	8	8	—
Offensive Trades	...	1	3	—
Common Lodging-houses	...	1	1	—
	Totals	48	60	4
		—	—	6

### Summary of Food Condemned. 1946.

23 lbs	Butter	72	Steak & Kidney Pies
50 „	Prunes	7	tins M. & V.
59 „	Dates	5	„ Peas
7 „	Sultanas	7	„ Beans
21 „	Bacon	23	„ Evaporated Milk
20½ „	Cheese	2	„ Apricots
6 „	Sausage	1	„ Peaches
6 „	Ox Tongue	11	„ Salmon
12 tins	Pilchards	1	„ Pork Sausage
2 „	Sardines	1	„ Jam
4 „	Stewed Steak	1	„ Herrings
1 „	Soup	6	„ Tomatoes

## HOUSING.

### 1. INSPECTION OF DWELLING HOUSES DURING THE YEAR:

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts), 57  
 (b) Number of inspections made for the purpose, 143

(2) (a) Number of dwelling-houses (included under sub-head) (1) above, which were inspected and recorded under the Housing Consolidated Regulations, 1925 & 1932, 0.

(b) Number of inspections made for the purpose, 0.

(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation, 0.

(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation, 57

### 2. REMEDY OF DEFECTS DURING YEAR WITHOUT SERVICE OF FORMAL NOTICES:

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers, 3.

### 3. ACTION UNDER STATUTORY POWERS DURING THE YEAR:

(a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936, 0.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs, 0

(2) Number of houses which were rendered fit after service of formal notices :

(a) By Owners, 0  
 (b) By Local Authority 0.

(b) Proceedings under Public Health Acts :-

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied, 57

(2) Number of dwelling-houses in which defects were remedied after service of formal notices, 68.

(a) By Owners, 68.

(b) By Local Authority in default of Owners, 0.

(c) Proceedings under Section 11 & 13 of the Housing Act, 1936.

(1) Number of dwelling-houses in respect of which Demolition Orders were made, 0.

(2) Number of dwelling houses demolished in pursuance of Demolition Orders, 0.

(d) Proceedings under section 12 of the Housing Acts 1936.

(1) Number of separate tenements or underground rooms in respect of which closing orders were made, 0.

(2) Number of separate tenements or underground rooms in respect of which closing orders were determined the tenement or room having been rendered fit, 0.

4. Housing Act, 1936, Part 4.— Overcrowding :-

(a) (1) Number of dwellings overcrowded at end of the year .... .... .... .... 5.

(2) Number of families dwelling therein .... 0.

(3) Number of persons dwelling therein .... 0.

(b) Number of new cases of overcrowding reported during the year .... .... .... 2.

(c) (1) Number of cases of overcrowding relieved during the year .... .... .... 0.

(2) Number of persons concerned in such cases .... .... .... .... .... .... 0.

(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding .... 0.



